

STEREO MOC Status Report
Time Period: 2012:261 - 2012:267

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 261, during the DSS-63 support, turbo decoder lock was lost briefly at 0603z. This anomaly resulted in the loss of 75 frames of SSR data. See DR# N108415 for more information.
- On day 263, during the DSS-14 support, initial telemetry lock was established late at 1234z due to a sub-reflector problem that occurred before the start of the track. The sub-reflector was fixed at 45° for the remainder of the track. This anomaly resulted in the loss of one frame of SSR data. See DR# G113236 for more information.
- On day 266, during the DSS-63 support, the command uplink was delayed eight minutes at 0507z due to a latency issue with monitor data coming from the station. Also, turbo decoder lock was lost intermittently beginning at 0627z through 0739z. This anomaly resulted in the loss of 121 frames of SSR data. A DR was requested for the turbo decoder anomaly. See DR# N108422 more information.
- On day 267, during the DSS-14 support, turbo decoder lock was lost briefly at 1605z. This anomaly resulted in the loss of 74 frames of SSR data. A DR was requested.

2. The following spacecraft/instrument events occurred during this week:

- On day 262, the 23rd SECCHI stepped calibration was executed for the aphelion in the orbit.
- The average daily SSR playback volume for Ahead was 5.9 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 262 during the DSS-32 (New Norcia) support, turbo decoder lock was lost intermittently beginning at 1047z through 1134z due to weather. This anomaly resulted in the loss of 14 frames of SSR data. This anomaly is being investigated with ESA.
- On day 263, during the DSS-14 support, initial telemetry lock was established late at 1752z due to a sub-reflector problem that occurred before the start of the track. The sub-reflector was fixed at 45° for the remainder of the track. SSR pointers were repositioned to minimize data loss. Later in the support, turbo decoder lock was lost briefly at 2101z. This anomaly resulted in the loss of one frame of SSR data. See DRs# G113237 and N108419 for more information.
- On day 264, during the DSS-14 support, telemetry lock was lost at 265-0004z for 46 minutes due to a sub-reflector problem. Station personnel made sub-reflector adjustments to resume tracking. This anomaly resulted in the loss of approximately 7.5 hours of SSR data for all instruments. See DR# G113240 for more information.
- On day 266, during the DSS-65 support, the command uplink was delayed eight minutes at 1012z due to a latency issue with monitor data coming from the station. Also, turbo decoder lock was lost briefly at 1044z and 1313z. This anomaly resulted in the loss of 36 frames of SSR data. See DRs# N108425 and N108444 for more information.
- On day 267, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 1037z through 1251z due to rain. This anomaly resulted in the loss of 20 minutes of real-time telemetry and approximately 55 minutes of SSR data for all instruments. See DR# M106918 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 4.9 Gbits during this week.